

STATE OF NEVADA
 DIVISION OF WATER RESOURCES
 WELL DRILLER'S REPORT

OFFICE USE ONLY

Log No. 101552
 Permit No. _____
 Basin 051

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 55519

1. OWNER **Newmont Gold Quarry GQTH-8 Page 1**
 MAILING ADDRESS **P.O. Box 669**
Carlin, NV 89822-0669

ADDRESS AT WELL LOCATION **NGC Minesite, north of**
Carlin, Nevada

2. LOCATION **SE 1/4 SW 1/4 Sec 2 T33N R51E**

Latitude **40-46.259N** UTME NAD 27

PERMIT/WAIVER NO. **m/o-155-M** Parcel No. **N/A**
Issued by Water Resources

Longitude **116-12.557W** N NAD 83/WGS 84

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other **Flooded Reverse**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Tailings		0	54	54
Sand and tan clay		54	544	490
Tan rock (bedrock)		544	554	10
Rock and tan clay w/		554	840	286
Black rock and clay w/		840		
some traces of gray				
clay			2080	1240
Black rock and calcite		2080	2740	660

Abandoned hole from 2740' to 1784' with 250 cubic feet of bentonite. Placed cement basket on 2 3/8" pipe at 1784'. Pumped cement from 1784' to 1605'. Place transducer outside of 2 3/8" at 680'.

9. WELL CONSTRUCTION

Depth Drilled **2740** Feet Depth Cased **1784** Feet

HOLE DIAMETER (BIT SIZE)

From	To
31 Inches	0 Feet 20 Feet
20.50 Inches	20 Feet 100 Feet
14.75 Inches	100 Feet 562.87 Feet

CASING SCHEDULE

Size O.D. (inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	63.41	0.375	0	20
16	62.58	0.375	0	100
10.75	28.04	0.250	+2	562.87

Perforations:
 Type perforation _____
 Size perforation _____
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Annular Seal: Yes No
 Neat Cement 0 to 674 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured
 Gravel Pack: Yes No 674 to 685 Pumped Poured
 Type: _____
 Bentonite Chips: Yes No _____ to _____ Pumped Poured
 Type: _____

Date started: **07/21**, 20 **06**
 Date completed: **8/08**, 20 **06**

7. Water Level
 Static water level: **2" pipe - 1182** feet below land surface
 Artesian Flow: _____ G.P.M. _____ P.S.I.
 Water Temperature: **88** °F
 Quality: **Poor**

8. WELL TEST DATE

TEST METHOD:	TEST METHOD:		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
1407	5		8

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name **Lang Exploratory Drilling**

(CONTRACTOR)

Address **P.O. Box 5279**

(CONTRACTOR)
Elko, NV 89802-5279

Nevada contractor's license number issued by the State Contractor's Board **0021976**

Nevada driller's license number issued by the Division of Water Resources, the on-site driller **2319**

Signed _____
 By driller performing actual drilling on site or contractor
 Date **8-14-06**

08-211
 Deep Transducer 1480

DEPTH 680
 08-18303

+2 CASING SCH.

0-20	24" x .32
0-100	16" x .375
0-562.87	10 3/4" x .250

BOTTOM 24 X .375 X 20'

BOTTOM OF 16 X .375 X 100'

BOTTOM 10 3/4 X 2.50 X 562.87

TRANSDUCER APPROX 680
 685

TOP GRAVEL 674

TOP OF CEMENT 685

HOLE SIZES

0-20	= 31"
20-100	= 20 1/2"
100-562.87	= 14 3/4"
562-1560	= 6 1/2"
1560-2480	= 6 1/4"
248-2740	6 1/4"

1482
 TOP SCREEN 1507

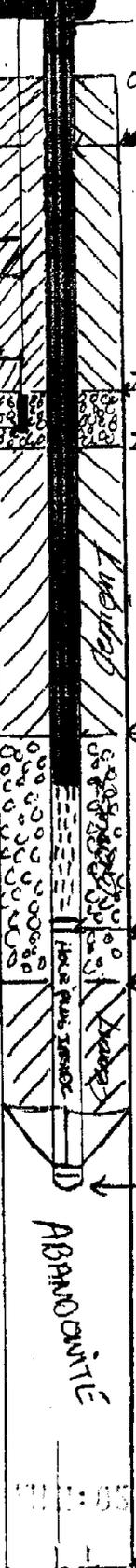
TOP OF GRAVEL

BOTTOM SCREEN 567

BOTTOM OF SCREEN BLANK OFF
 ABOVE TOP CEMENT

MATERIALS

Cement	TTTT	NEAT
GRAVEL	1/4" X 3/8" S21	
BAWQUITE		



TO 2740